



# NITFS

## Compliance Registration



**Product:** Environment For Visualizing Images (ENVI), Version 4.4,

**Sponsor:** Dated October 11, 2007

**Developer:** ITT Visual Information Solutions

ITT Visual Information Solutions

**Date:** 30 Jan 2008

**Expiration:** 29 Jan 2010

**Registration #:** 2061

☐ Initial Registration  
☒ Supplemental/Update #2047  
☐ Derived from Reg. #

**System**

N-0105/98, §4.1.1

### NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

☒ **Product**

N-0105/98, §4.1.2

☐ **Component**

N-0105/98, §4.1.3

### Configurations Tested:

\*\* NITF 2.0 feature  
\* NITF 2.1 feature

#### Format

- ☒ NITF
- ☒ V2.1
- ☒ V2.0
- ☒ V1.1
- ☒ NSIF
- ☒ V1.0

#### Pixel Value Types

- ☒ Boolean
- ☒ Integer
- ☒ Signed Integer \*
- ☒ IEEE Real \*
- ☐ IEEE Complex \*

#### Annotation Segment Types

- ☒ Bit Mapped \*\*
- ☒ CGM, 2301
- ☒ CGM, 2301A
- ☒ Labels \*\*

#### Text Segments

- ☒ TTA
- ☒ TT1
- ☒ T8S
- ☒ TMT

#### Image Segment Types

- ☒ MONO
- ☒ RGB
- ☒ RGB/LUT
- ☒ YCbCr
- ☒ MULTI
- ☒ MODISPLY
- ☐ POLAR

#### Image Compression

- ☒ Not Compressed
- ☒ J2K Lossy, 8-bit
- ☒ J2K Lossy, 12-bit
- ☒ J2K Downsample
- ☒ J2K Lossless
- ☒ J2K 2000
- ☒ BiLevel
- ☒ Vector Quantization
- ☒ Multispectral JPEG, Individual Band

#### Data Extension Segments

- ☒ TRE\_OVERFLOW
- ☒ STREAMING\_FILE\_HEADER
- ☒ Controlled Extensions \*\*
- ☒ Registered Extensions \*\*

#### Tagged Record Extensions

- ☒ BANDSB
- ☒ CSDE
- ☒ DIGEST GeoSDE\*
- ☒ ICHIPB
- ☒ IOMAPA
- ☒ J2KLRA
- ☒ NCDRD
- ☒ NSDE
- ☒ NSDE
- ☒ PIAE
- ☒ RPC00B

Interpret  
Generate

**Legend**

- ☒ Fully implemented
- ☒ Partially implemented
- ☐ Not implemented

*Curtis L. Green, Lt Col, USAF*

CURTIS L. GREEN, Lt Col, USAF, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of product for the intended use. Optional NITFS features may not be implemented.